

WE CLAIM

1. A system for unloading grain from an agricultural combine, comprising:

- 5 a) an unloading conduit assembly for unloading grain from the combine into a grain truck or the like displaced horizontally from the grain tank;
- b) said unloading conduit assembly including a vertical conduit and a horizontal conduit mounted on top of said vertical conduit;
- 10 c) said vertical conduit being mounted on the combine for rotational movement of at least a portion of the vertical conduit about its vertical axis; and
- d) said vertical conduit also being mounted on the combine for sideways pivoting of at least a portion of the vertical conduit about a horizontal pivot axis to permit retracting said
- 15 horizontal conduit into a storage position on one side of said tank.

2. The unloading system of Claim 1 further characterized in that:

- 20 a) said vertical conduit is mounted on the combine for rotation of the entire vertical conduit about said vertical axis.

3. The unloading system of Claim 1 further characterized in that:

- a) said vertical conduit is mounted on the combine for sideways pivoting of the entire vertical conduit about said horizontal pivot axis.

- 25 4. A system for unloading harvested product from an agricultural combine, comprising:

- a) an unloading conduit assembly for unloading product into a truck or the like located on any radial horizontally around the combine;

b) said unloading conduit assembly including a vertical conduit extending upwardly out of the top of a storage tank and a horizontal conduit extending radially from said vertical conduit;

5 c) said vertical conduit being mounted in the tank for sideways pivoting of at least a portion of the vertical conduit about a horizontal pivot axis to permit retracting said horizontal conduit into a storage position on one side of said tank and below the level of the top of the tank.

5. The unloading system of Claim 4 further characterized in that:

10 a) said vertical conduit includes a lower section, an intermediate section and an upper section;

b) said intermediate and upper sections being rotatable relative to said lower section about an axis common to said sections.

6. The unloading system of Claim 5 further characterized in that:

15 a) said upper section is mounted on said intermediate section for pivoting movement about said horizontal pivot axis.

7. The unloading system of Claim 4 further characterized in that:

a) said vertical conduit is pivotable in its entirety about said horizontal pivot axis.

20 8. An agricultural combine including a threshing assembly for supplying grain to a grain tank and a system for unloading grain from said combine comprising:

a) a loop conveyor assembly for conveying grain from said threshing assembly to said grain tank or to an unloading conduit assembly;

25 b) said unloading conduit assembly including an unloading conduit for receiving grain from said loop conveyor and conveying it to a truck or the like located on any radial horizontally around the combine;

c) said unloading conduit including a horizontal conduit which is retractable into an unoperative, stored position on said combine.

9. The agricultural combine of Claim 8 further characterized in that:

a) said unloading conduit includes a vertical conduit extending upwardly out of the top of a storage tank and a horizontal conduit extending radially from said vertical conduit;

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b) said vertical conduit being mounted in the grain tank for sideways pivoting of at least a portion of the vertical conduit about a horizontal pivot axis to permit retracting said horizontal conduit into a storage position below the level of the top of the tank.